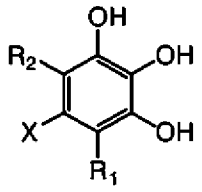
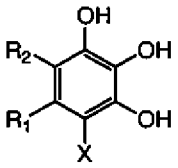
Listing of Claims:

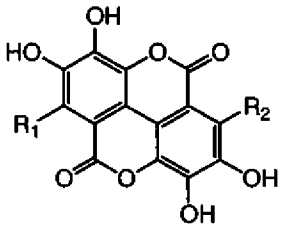
1. (Currently amended) A method of treating Alzheimer's disease, in a mammal suffering there from, comprising administration to the mammal of a therapeutically effective amount of an isolated pure compound selected from the group consisting of the compounds of formula A, formula B, and formula D:



Formula A



Formula B



Formula D

where:R_1 and R_2 are independently selected from hydrogen, halogen, C_{1-6} alkyl and C_{1-6} alkoxy; X is selected from hydrogen and the group consisting of

(a) hydroxy, amino, C_{1-6} alkylamino, di(C_{1-6} alkyl)amino, and cycloamino,

(b) C_{1-22} alkyl, C_{1-22} alkoxy, C_{1-22} alkylthio, and C_{14-22} alkylcarboxyl, each optionally substituted with 1 to 5 moieties selected from the group consisting of halogen, hydroxy, mercapto, amino, nitro, C_{1-6} alkoxy, C_{1-6} alkylthio, and C_{1-6} alkylcarboxyl,

(c) aromatic and heteroaromatic groups substituted with 3 adjacent hydroxy groups, and optionally substituted with 1 to 5 substituents selected from halogen, C_{1-6} alkyl and C_{1-6} alkoxy, each optionally substituted with up to 5 halogen atoms,

(d) sugars, optionally substituted with one or more anionic groups selected from sulfate, phosphate, phosphonate, carboxylate, and sulfonate groups, and

(e) peptides ~~and but excluding pyrogallol,~~ and pharmaceutically acceptable salts thereof.

2. (Previously presented) The method of Claim 1 where only one active ingredient compound is administered.

3. (Previously presented) The method of Claim 1 where the mammal is a human.

4-16. (Canceled).

17. (Previously presented) The method of Claim 1 where R_1 and R_2 are independently selected from the group consisting of hydrogen; C_{1-6} alkyl, C_{1-6} alkoxy, and C_{1-6} alkylthio, in each of which the alkyl group is optionally substituted with 1 to 5 halogen atoms; and halo.

18. (Currently amended) The method of Claim 1 where X is selected from hydrogen and the group consisting of

(a) hydroxy, amino, C_{1-6} alkylamino, di(C_{1-6} alkyl)amino, and cycloamino,

(b) C_{1-22} alkyl, C_{1-22} alkoxy, C_{1-22} alkylthio, and C_{14-22} alkylcarboxyl, each optionally substituted with 1 to 5 moieties selected from the group consisting of halogen, hydroxy, mercapto, amino, nitro, C_{1-6} alkoxy, C_{1-6} alkylthio, and C_{1-6} alkylcarboxyl, and

(c) aromatic and heteroaromatic groups substituted with 3 adjacent hydroxy groups, and optionally substituted with 1 to 5 substitutents selected from halogen, C_{1-6} alkyl and C_{1-6} alkoxy, each optionally substituted with up to 5 halogen atoms.

19. (Previously presented) The method of Claim 1 where X is selected from hydrogen and the group consisting of hydroxyl and amino.

20. (Canceled)

21. (Previously presented) The method of Claim 1 where the compound is a compound of formula A or formula B, or a pharmaceutically acceptable salt thereof.

22-24 (Canceled)

25. (Previously presented) The method of Claim 1 where the compound is a compound of formula D or a pharmaceutically acceptable salt thereof.

26-30 (Canceled)